

*Brian Williams*

VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 100122-506 Job No. J5P2149 Date 3/22/10  
County Boone Route 63 Original Bid Cost 2,266,776.17  
Contractor APAC-Missouri, Inc. By Phillip Raines  
Designed By MoDOT Phone 573-449-0886  
VECP # 10-28 VECP ☐ or VECP/PDU ☒

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

APAC proposes to reduce the Seeding acreage to 16 acres. The plans call for seeding approximately 10' of the median after the slopes have been regarded to match the new asphalt under the guard cable. The condition of the existing median is such that there will be minimal disturbance outside of 5' from edge of the new asphalt. Our method of operation will not disturb the area outside of 5' from the edge of the new asphalt. This will save MoDOT approximately \$11,200.00 for this item.

2. Estimate of reduction in construction costs.

\$11,200

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

None anticipated

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

\_\_\_\_\_  
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

April 10, 2010

(date)

\_\_\_\_\_  
(effect)

6. Dates of any previous or concurrent submission of the same proposal.

\_\_\_\_\_  
(date and/or dates)

Additional Comments:

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

Comments:

Reduction in seeding and mulching will reduce erosion control problems and speed up project completion. Good idea.

Charles Sullivan

Submitted By Resident Engineer

3-22-10

Date

Comments:

Agree that this is a good idea. Since this is simply an underpin of a current contract item, which has been initiated by the contractor this would be a practical design VE, thus a 75/25 split.

☒ Approval Recommended

☐ Rejection Recommended

[Signature]  
District Engineer

3/25/10

Date

Comments:

Agree with R.E. and District. This is a practical design VE with a 75/25 split.

☒ Approval

☐ Rejection

David D. Adams

State Construction and Materials Engineer

4-1-10

Date

Distribution: Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials Engineer  
\*Value Engineering Administrator - \*MoDOT, P.O. Box 270, Jefferson City, MO 65102

# VALUE ENGINEERING CHECK SHEET

## TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☒ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

Contractor method of operation will only disturb approximately ½ of the median area as set up in the plans. Thus, there will be a reduction in the Seeding and Mulch quantities by one half. This is a PDVECP with a 75 / 25 split.

## SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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